

ABSTRACT OF THE DISCLOSURE

A system and method for managing traffic in a communication system assigns multiple links in a system to a queue. The queue is formed from one or multiple memories and a queue assignment unit assigns banks in the queue to one or more links. The queue assignment also writes data in the banks of specific links through a write control signal. A signal detection unit detects availability of a line interface unit, and a data control unit that reads data from the queue and writes it in the line interface unit. Through this structure, a faster and more efficient data transmission system is formed.